

## CLAIMS

[1] A switch comprising a conductive movable member and at least two terminals and being switchable by mechanically moving the movable member between a state in which the movable member contacts with the two terminals simultaneously and a state in which the movable member is apart from either one of the two terminals, wherein at least one of the two terminals comprises a conductive contact part for contacting with the movable member, a conductive connect part for being electrically connected with an external element, and a PTC member located between the contact part and the connect part.

[2] The switch according to claim 1, wherein the PTC member comprises a polymer PTC material.

[3] The switch according to claim 1 or 2, wherein the PTC member is a PTC element having a PTC material layer and a pair of conductive material layers each located on opposed surfaces of the PTC material layer, and the pair of conductive material layers is electrically connected with the contact part and the connect part, respectively.

[4] The switch according to claim 3, wherein the terminals

are fixed to a substrate, and the PTC material layer is positioned generally perpendicular to the substrate.

[5] The switch according to claim 3, wherein the terminals are fixed to a substrate, and the PTC material layer is positioned generally parallel to the substrate.

[6] The switch according to any of claims 3 to 5, wherein the PTC material layer is retained between the contact part and the connect part with a spacer.

[7] The switch according to any of claims 1 to 6, wherein the switch comprises a first, a second, and a third terminals, and is switchable by mechanically moving the movable member between a state in which the movable member contacts with the first and the second terminals simultaneously and is apart from the third terminal and a state in which the movable member is apart from the first terminal and contacts with the second and the third terminals simultaneously, and wherein the second terminal comprises a conductive contact part for contacting with the movable member, a conductive connect part for being electrically connected with an external element, and a PTC member located between the contact part and the connect part.

[8] The switch according to any of claims 1 to 7, wherein the switch is selected from the group consisting of a slide switch, a toggle switch, a rotary switch, a push switch, and a rocker switch.

[9] A device comprising an electric circuit using the switch according to any of claims 1 to 8.